SONY

VAIO

Plenty of power. Won't overpower your room.

VGN-A160 Notebook

The VAIO® A Series Personal Notebook is a desktop replacement computer. Unlike other full-size notebooks, it connects to an AV dock that enables a TV tuner, personal video recorder; S-Master™ digital amplifier and premium speakers.

Portable Multimedia Entertainment
Feature-packed desktop replacement that performsmore like an entertainment center. Plenty of power that won't overpower your room.

Integrated DVD±RW/ CD-RW Drive
Burn professional quality DVDs and CDs.[4]

AV Entertainment Dock
Plug in and access Sony's most powerful TV tuner available in a notebook, personal video recorder, high-end digital audio amplifier and premium Sony speakers. Enjoy recorded show playback anywhere you take your notebook.

Superior LCD Technology
Powerful combination of exclusive Sony technologies combines to give you truly incredible image quality. XBRITE™ LCD Technology delivers ultra crisp and super bright graphics like you've never seen in a notebook. Smart Display Sensor™ automatically adjusts to any projector or display resolution.

Centrino™ Mobile Technology
Centrino™ Mobile technology runs cool and quiet, while keeping the profile slim and light, with enhanced performance and battery life. A remarkable blend of full-size power and portability. Wireless capabilities let you connect wire free around your home or on the road.

Model
VGN-A160

HARDWARE

Processor Name
Intel® Pentium® M Processor 715
Processor Speed
1.50AGHz[1]
L2 Cache
2MB
Front Side Bus Speed
400MHz
Chipset
Intel® 855PM
Hard Drive
80GB[2]
Integrated Wireless LAN
Intel® PRO/Wireless 2200BG Network Connection (802.11b/g)[3]
LCD
15.4" WXGA with XBRITE™ Technology (1280x800)
Graphics
ATI Mobility™ Radeon™ 9200
Memory
512MB (256MBx2/DDR333)
Memory Max
1GB
Video RAM
64MB
Optical Drive
DVD±RW[4]
Maximum Speeds: CD Read (24x MAX); CD-R Write (16x MAX); CD-RW Write (8x MAX); DVD Read (8x MAX); DVD-R Read (4x MAX)/Write (4x MAX); DVD-RW Read (2xMAX) /Write (2x MAX); DVD+R Read (4x MAX)/Write (2.4x MAX); DVD+RW Read (2x MAX)/Write (2x MAX)
Modem
Integrated V.90 Modem with RJ-11 interface
Ethernet
10BASE-T/100BASE-TX/1000BASE-TX Ethernet with RJ-45 interface
Memory Stick® Media Slot
Supports optional Memory Stick PRO™ and Memory Stick DUO™ media[5]
PC Card Slots
One PCMCIA - Type II/Type I card slot with CardBus support
Audio
Windows® sound system compatible, Built-in stereo speakers
Audio Interface
Monaural mini microphone jack, Headphone jack
Graphics Interface
VGA out w/ Smart Display Sensor™
Video Interface
A/V mini jack, Giga Pocket™ Engine MPEG2 Realtime Encoder/Decoder board with TV Tuner (w/ AV Entertainment Dock option)
Other Interfaces
i.LINK® connector(IEEE 1394), 3 USB 2.0 ports, port replicator connector[6]
Docking Station
AV Entertainment Dock with S-Master™ Digital Amplifier and Premium Speakers including: DC in, Four USB 2.0 ports, Monitor (VGA) port, VHF/UHF TV port, S-Video in/out, DVI-D, RJ-45 Ethernet, Printer port, Optical out, Line in (RCA Pin), Line out (RCA Pin), Dock Connector
Pointing Device
Electro-Static touch pad
Keyboard
QWERTY, 86 keys with 3mm stroke and 19.05mm pitch
Action Buttons
Power On, S1 (programmable), Magnify Screen, Brightness, Volume(+), Volume(-), Mute
Power Requirements
168W±10%
Battery
Lithium-ion Battery (PCGA-BP2EA)
Estimated Battery Life
Standard Battery: 1.5-5.0 hours[7]
Optional Floppy Drive
External 1.44 MB, 3.5" USB floppy drive (PCGA-UFD5)
Weight
7.3 lbs. with standard battery (weight is approximate and may vary by components)
Size (W x H x D)
14.7" x 1.5"-1.7" x 10.9"
Supplied Accessories
Standard Lithium-ion battery (PCGA-BP2EA), Power cord & AC adapter (PCGA-AC19V7), AV Entertainment Dock w/Speakers(2)& Remote Control
Optional Accessories
Rechargeable Battery Pack (PCGA-BP2EA)
Port Replicator (VGP-PRA1)
AC Adapter (PCGA-AC19V3)
AC Adapter (PCGA-AC19V7)
802.11 a/b/g Wireless LAN Router Access Point (PCWA-AR800)
802.11 a/b/g Wireless LAN Ethernet Converter (PCWA-DE80)[3]
Visual Communication Camera (PCGA-UVC11A)
Wireless optical mouse (PCGA-WMS5/S)
USB Mobile Mouse- Black (PCGA-UMS3/B)
USB Mobile Mouse- Silver (PCGA-UMS3/S)
USB Optical VAIO Mouse (PCGA-UMS5)
Memory Card Adapter (VGP-MCA10)
512MB memory expansion module (VGP-MM512G)
60GB External Hard Drive (PCGA-HDM06)[2]
External Floppy Disk Drive (PCGA-UFD)

SOFTWARE

Operating System
Microsoft® Windows® XP Home Edition
VAIO® Creation Suite Software
Sony Click to DVD™ software
Sony DVGate Plus™ software
Sony SonicStage® software
Sony SonicStage® Mastering Studio software with MP3 encoder
Sony Picture Gear™ Studio software
Sony VAIO Media™ software
VAIO® A Series Software Bundle
Sony® Giga Pocket® Personal Video Recorder
Sony VAIO Update software
Sony VAIO Recovery Wizard software
Sony VAIO Help and Support software
Adobe® Acrobat® Reader
Adobe® Photoshop® Elements
Adobe Photoshop Album Starter Edition
Intuit Quicken® 2004 New User Edition (previous Quicken users may require additional upgrade)
InterVideo® WinDVD®
EasySystems Dragn' Drop CD+DVD
Microsoft® Works 7.0
Microsoft Office® 2003 60-Day Trial (Student/Teacher Edition)[8]
Anti-Virus Software
Norton® Internet Security™ 90-Day Subscription
Internet Services
AOL Online™ 90-day Trial[8]

SERVICE AND WARRANTY INFORMATION

Limited Warranty
1 Year Battery
1 Year Hardware Parts and Labor[9]
Repair Service
Includes customer-replaceable part service and mail-in Sony depot service options[10]
Telephone Support
One year of 24-hour, 7-day-a-week, free support for hardware issues. Ninety days of free support for software and operating system issues
On-line and Email Support
Free support available from http://www.sony.com/pcsupport

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point, sold separately. Internet connection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate™ functionality.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Estimated battery life. Actual battery life may vary on usage.
8. New users only. Terms and conditions apply.
9. Certain restrictions apply. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
10. Type of repair service provided is solely at Sony's discretion. Not all types of repair service offered on all models.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Preinstalled software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

(c)2004 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, i.LINK, Memory Stick, SonicStage, Giga Pocket, and VAIO are registered trademarks of Sony. XBRITE, ErgoBright, Smart Dispay Sensor, Memory Stick PRO, Memory Stick PRO Duo, MagicGate, Click to DVD, S-Master, DVgate Plus, VAIO Media, Picture Gear Studio and Like No Other are trademarks of Sony. Intel and Pentium are registered trademarks, and Centrino is a trademark of Intel Corporation. Microsoft and Windows are registered trademarks of Microsoft Corporation. All other trademarks are trademarks of their respective owners.
Printed in U.S.A. 5/04

Sony recommends Microsoft® Windows® XP Home Edition

LIKE NO OTHER™